

Hil/KAC



COMMONWEALTH OF MASSACHUSETTS
PLYMOUTH DISTRICT

OFFICE OF THE DISTRICT ATTORNEY

MAIN OFFICE:

32 BELMONT STREET

P.O. BOX 1665, BROCKTON, MA 02303-1665

TEL: (508) 584-8120

FAX: (508) 586-3578

TIMOTHY J. CRUZ
DISTRICT ATTORNEYFAX TRANSMITTAL FORM

FAX NUMBER (508) 372-4555 583-318

TO: Coloria / ShirleyFROM: Julie HollidayDATE: 5/7/12 TIME: 11:45amNUMBER OF PAGES (including this cover page): 1COMMENTS: Please provide lab notes
pertaining to labThanks!IF YOU DO NOT RECEIVE ALL OF THE PAGES, PLEASE CALL AS SOON AS
POSSIBLE (508) 372-4500, 894-6340

JULIA HOLLIDAY
PLYMOUTH COUNTY
DISTRICT ATTORNEY'S OFFICE
PLYMOUTH DISTRICT COURT
62 OBERY STREET
PLYMOUTH, MA 02360

Brockton Dist.
215 Main St, Suite 310
Brockton, MA 02301

**The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130**

**DEVAL L. PATRICK
GOVERNOR**

**TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR**

**JUDYANN BIGBY, MD
SECRETARY
JOHN AUERBACH
COMMISSIONER**

5/18/2012

Julia Holliday
Plymouth County District Attorney's Office

Dear ADA Holliday,

Enclosed is the information you requested in regards to item [REDACTED]

- 1.Curriculum Vitae for Hevis Lleshi and Kate Corbett
- 2.Drug Analysis Laboratory Receipt.
- 3.Control Cards with analytical results for sample [REDACTED]
- 4.Analysis sheets with custodial chemist's hand notations and test results.
- 5.GC/Mass Spectral analytical data for sample [REDACTED]

Hevis Lleshi was the custodial chemist and performed preliminary testing and net weight for this sample. Kate Corbett was the confirmatory chemist and analyzed the GC/MS data for this samples.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Ms. Hevis Lleshi
Chemist I
Drug Analysis Laboratory
Jamaica Plain, MA 02130
(617) 983-6627

Curriculum Vitae

Hevis Lleshi

Education

Boston University School of Medicine – Master of Science, Forensic Science
University of South Florida – Bachelor of Arts, Clinical Psychology

Related Coursework

Forensic Chemistry • Forensic Toxicology • Forensic Pathology • Forensic DNA Analysis
Organic / Analytical Chemistry • Forensic Biology • Biochemistry • Forensic Trace Evidence

Employment

March, 2011 – Present
Chemist I, Massachusetts Department of Public Health,
Drug Analysis Laboratory

- Appointed Assistant Analyst by Assistant Commissioner of Public Health, June, 2011
- Responsible for the identification of substances to determine violation of harmful and narcotic drug laws of the Commonwealth of Massachusetts
- Trained in the use of complex analytical instrumentation for the purpose of forensic drug analysis
- Qualified as an expert witness in the Massachusetts Courts
- Notary Public

Additional Training and Laboratory Experience

- DEA Forensic Chemist Training- Special Testing and Research Laboratory, VA, March 2012
- Completed ten-week training course conducted by Laboratory Senior Staff within the Department of Public Health, Drug Analysis Laboratory, 2011
- GC and GC/MS training with Restek, 2011
- Mock Court/Testimony Techniques, Boston University, 2009
- Instrumental Forensic Chemistry/Toxicology Laboratory, Boston University, 2009
- Serology/Bloodstain Pattern Analysis Techniques, Boston University, 2009

Internship

Massachusetts State Police – Marine Section, Boston MA, 2009-2010

Associations

- American Academy of Forensic Sciences (AAFS)
- Boston University Forensic Science Society (BUFSS)

Curriculum Vitae

Kate A. Corbett

Education

Bachelor of Science Degree, CHEMISTRY May 2003

MERRIMACK COLLEGE

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

Employment

Chemist II State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2005-March 2008)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate (September 2003 – August 2005)

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

Intern (March 2003 – August 2003)

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services

Department of Public Health

State Laboratory Institute

Boston Drug Laboratory

Tel (617) 983-6622

Fax (617) 983-6625

Amherst Drug Laboratory

Tel (413) 545-2601

Fax (413) 545-2608

Boston Hours

Amherst Hours

8:00 - 11:00

2:00 - 4:00

DRUG RECEIPT

9:00 - 12:00

1:00 - 3:00

City or Department: Brockton Police Department **Police Reference No.:** _____

Name and Rank of Submitting Officer: DONOHUE, PATRICK S 380 DOC # R013933

Defendant(s) Name (last,first,initial):

To be completed by Submitter

Description of Items Submitted

To be completed by Lab Personnel

Gross Weight **Lab Number**

1) UNK WHITE ROCK (LOOSE SUBST) (QTY: 1) PLASTIC BAG UNK WHITE ROCK (S18488)	3.80 pm	

Received By:

Daten

1-28-11

No. [REDACTED]

Date Analyzed:

2/17/12

City: Brockton Police Dept.

Officer: Detective PATRICK DONOHUE

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 1 Cont: pb

Date Rec'd: 06/28/2011

No. Analyzed:

Gross Wt.: 3.80

Net Weight: 0.12 g

Tests: 6

• 2 MAC

Prelim: Cocaine (HLL)

Findings:

Cocaine

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED]

AGENCY Brockton

ANALYST HLL

No. of samples tested: _____

Evidence Wt. OK

PHYSICAL DESCRIPTION:

Gross Wt (): _____

Gross Wt (): _____

Loose off white
substance in evidence
bag.

Pkg. Wt: _____

Net Wt: 0.1284g

PRELIMINARY TESTSSpot Tests

Cobalt Thiocyanate () + weak / + blue cloud

Marquis —

Froehde's —

Mecke's —

Microcrystalline Tests

Gold Chloride +

TLTA (-) + w/ cloud

OTHER TESTSPRELIMINARY TEST RESULTS

RESULTS Cocaine

DATE 21/10/2012

GC/MS CONFIRMATORY TEST

RESULTS Cocaine

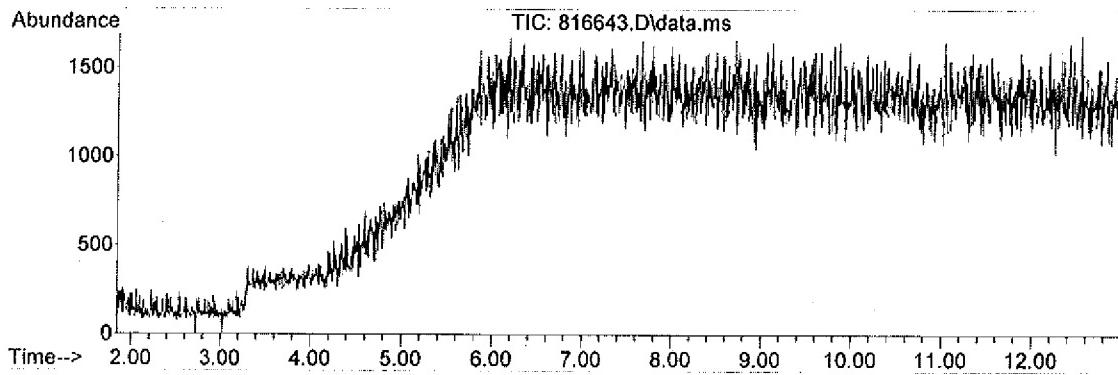
MS OPERATOR KAC

DATE 21/17/2012

VKAC
5/14/12

Information from Data File:

File Name : K:\02_15_12\816643.D
Operator : KAC
Date Acquired : 16 Feb 2012 16:42
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



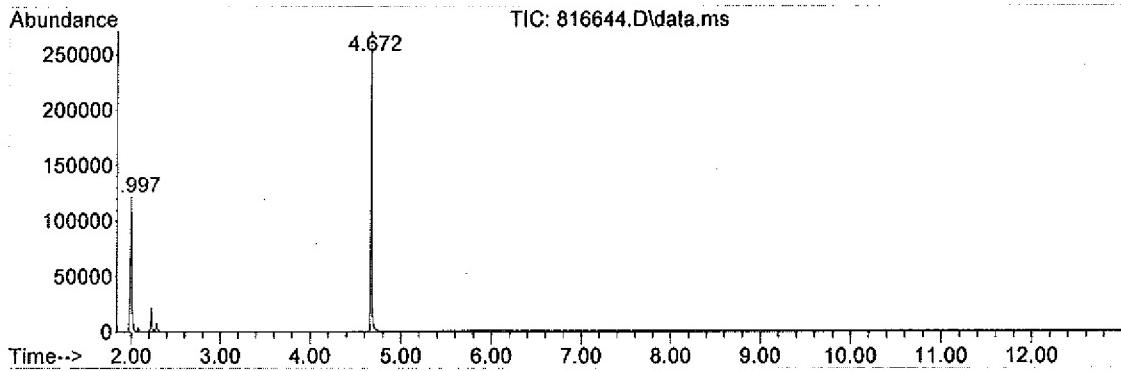
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : K:\02_15_12\816644.D
Operator : KAC
Date Acquired : 16 Feb 2012 16:58
Sample Name : COCAINE STD
Submitted by :
Vial Number : 80
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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4.672	225591	60.55	100.00

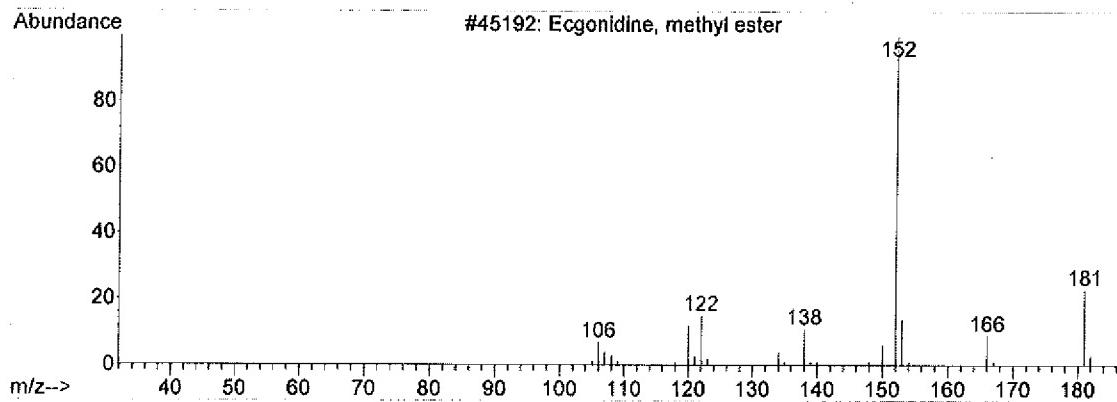
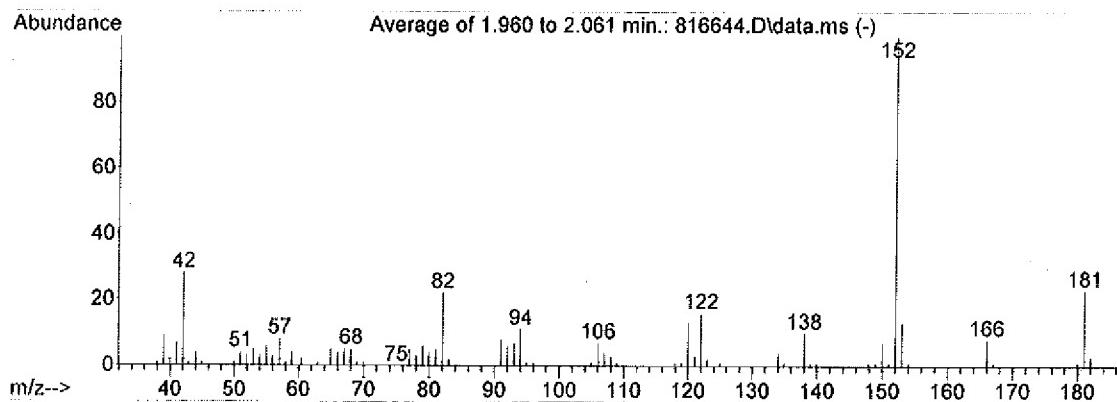
Area Percent / Library Search Report

Information from Data File:

File Name : K:\02_15_12\816644.D
Operator : KAC
Date Acquired : 16 Feb 2012 16:58
Sample Name : COCAINE STD
Submitted by :
Vial Number : 80
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.00	C:\Database\NIST08.L		
		Ecgonidine, methyl ester	127379-24-2	98
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	93
		3,5-Dimethoxyphenethylamine	003213-28-3	46

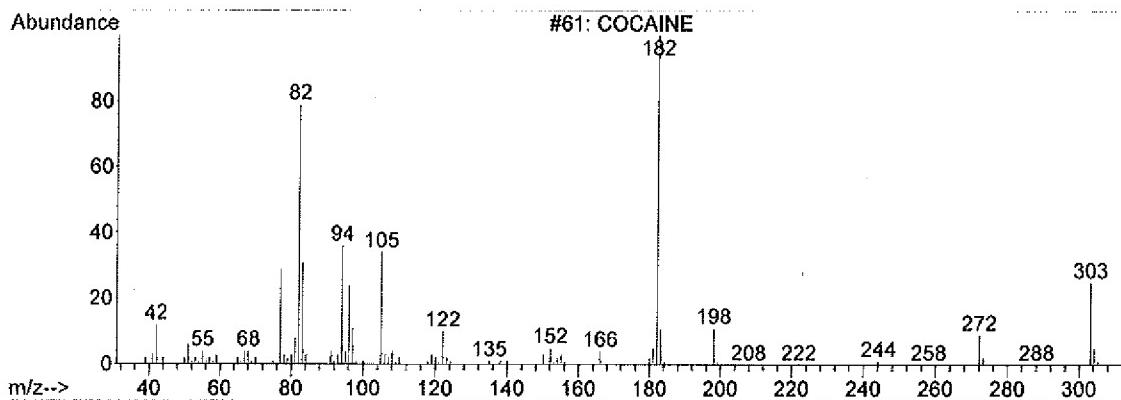
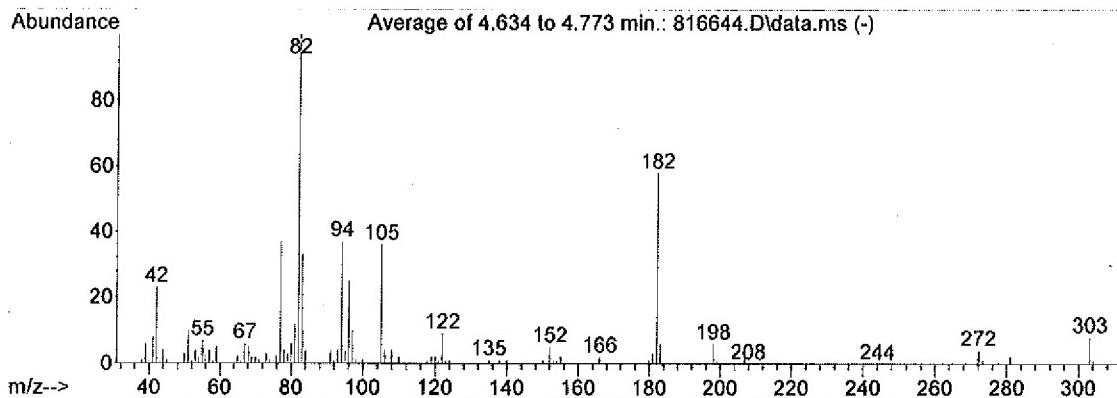


Information from Data File:

File Name : K:\02_15_12\816644.D
Operator : KAC
Date Acquired : 16 Feb 2012 16:58
Sample Name : COCAINE STD
Submitted by :
Vial Number : 80
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

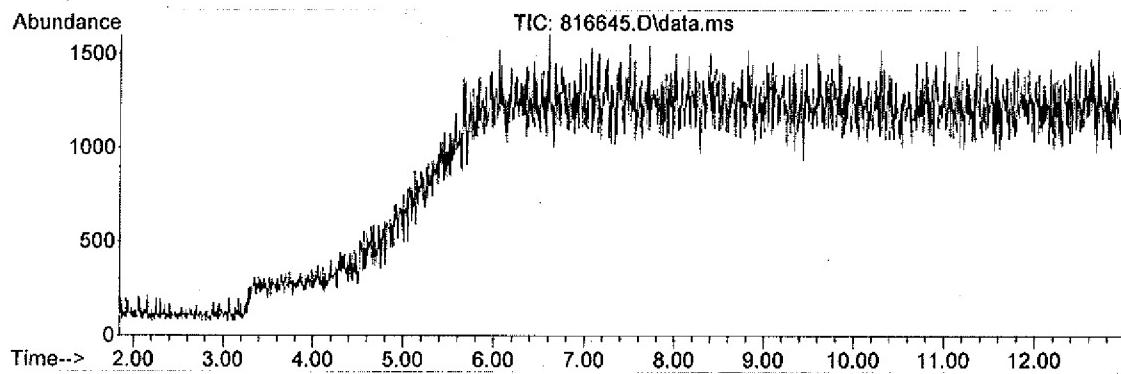
PK#	RT	Library/ID	CAS#	Qual
2	4.67	C:\Database\SLI.L		
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	98



Area Percent / Library Search Report

Information from Data File:

File Name : K:\02_15_12\816645.D
Operator : KAC
Date Acquired : 16 Feb 2012 17:14
Sample Name : BLANK
Submitted by : HLL
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



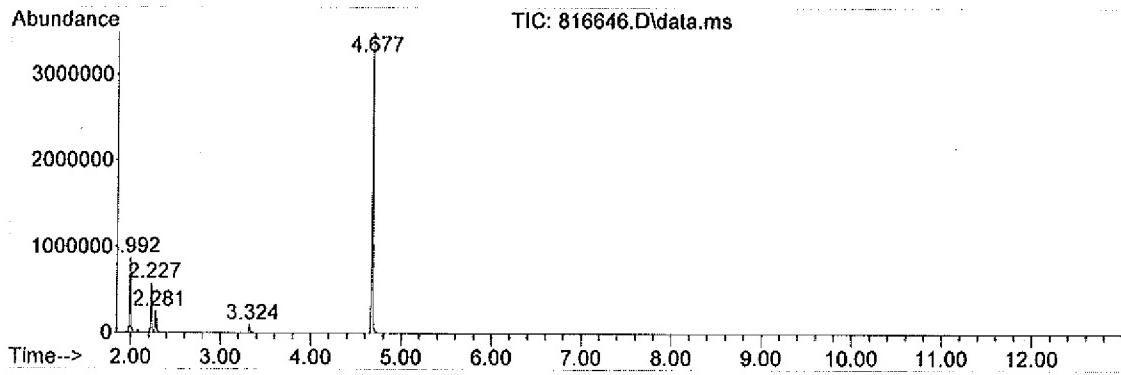
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : K:\02_15_12\816646.D
Operator : KAC
Date Acquired : 16 Feb 2012 17:30
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 100
AcquisitionMeth: DRUGS.M
Integrator : RTE



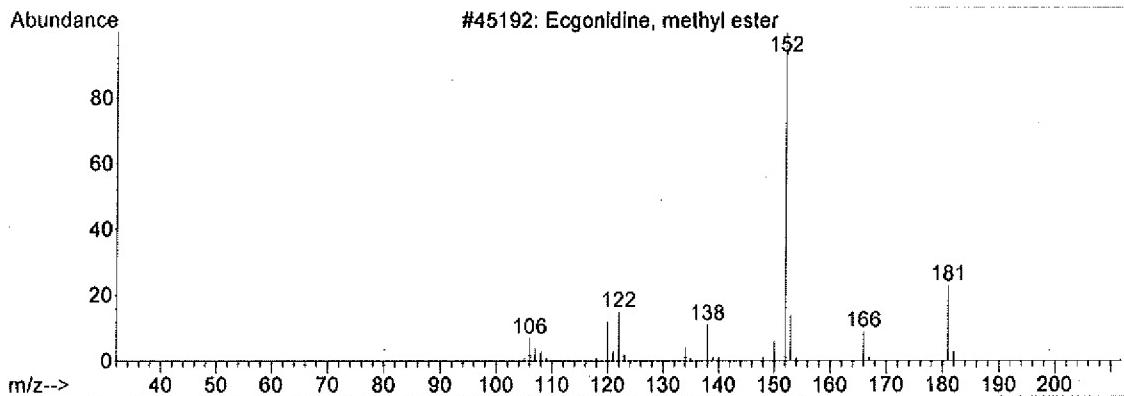
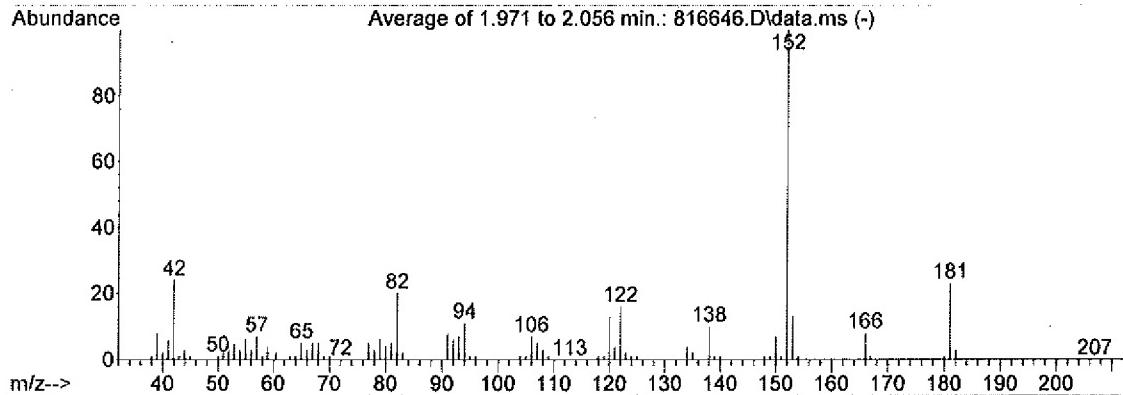
Ret. Time	Area	Area %	Ratio %
1.992	809981	17.57	27.57
2.227	480715	10.43	16.36
2.281	278656	6.04	9.49
3.324	102844	2.23	3.50
4.677	2937684	63.73	100.00

Information from Data File:

File Name : K:\02_15_12\816646.D
Operator : KAC
Date Acquired : 16 Feb 2012 17:30
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 100
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	1.99	C:\Database\NIST08.L		
		Ecgonidine, methyl ester	127379-24-2	98
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	95
		3,5-Dimethoxyphenethylamine	003213-28-3	47

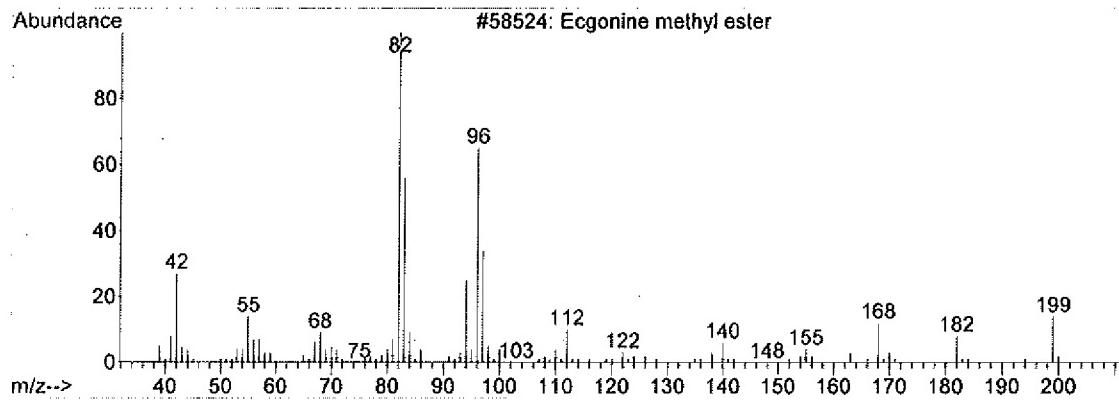
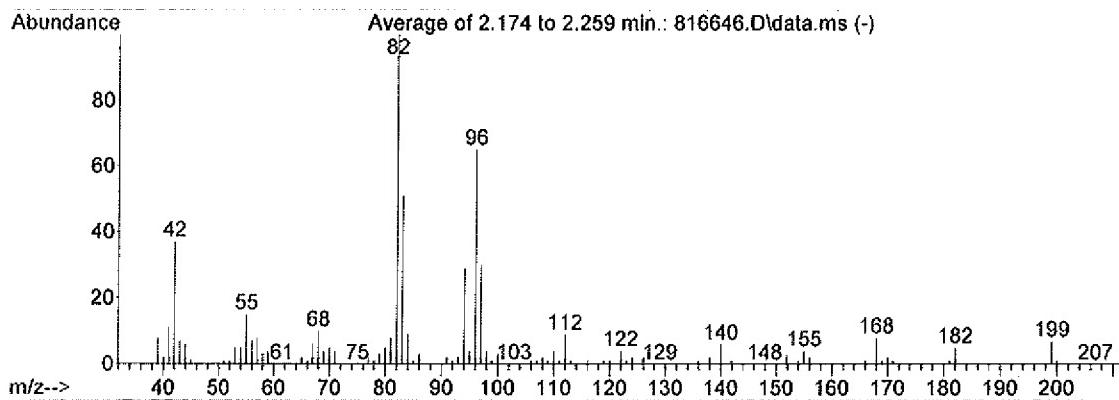


Information from Data File:

File Name : K:\02_15_12\816646.D
Operator : KAC
Date Acquired : 16 Feb 2012 17:30
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 100
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.23	C:\Database\NIST08.L		
		Ecgonine methyl ester	106293-60-1	97
		Ecgonine methyl ester	106293-60-1	96
		Ecgonine methyl ester	106293-60-1	95

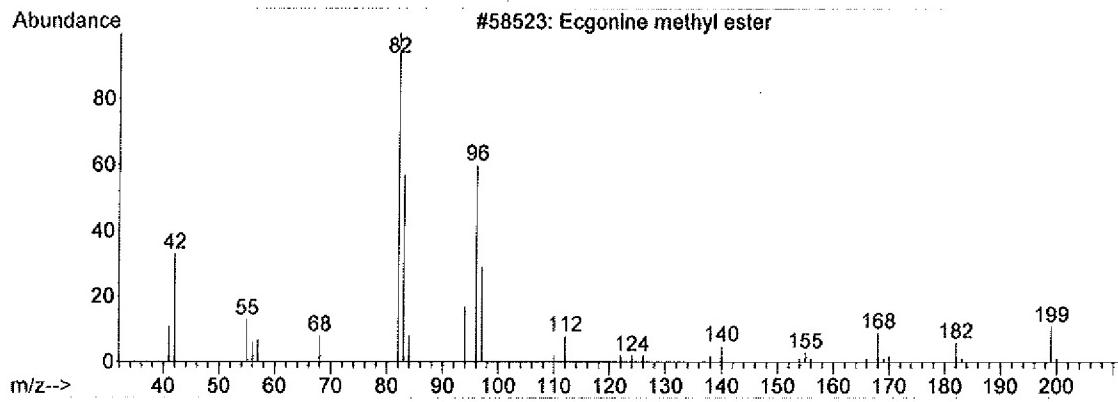
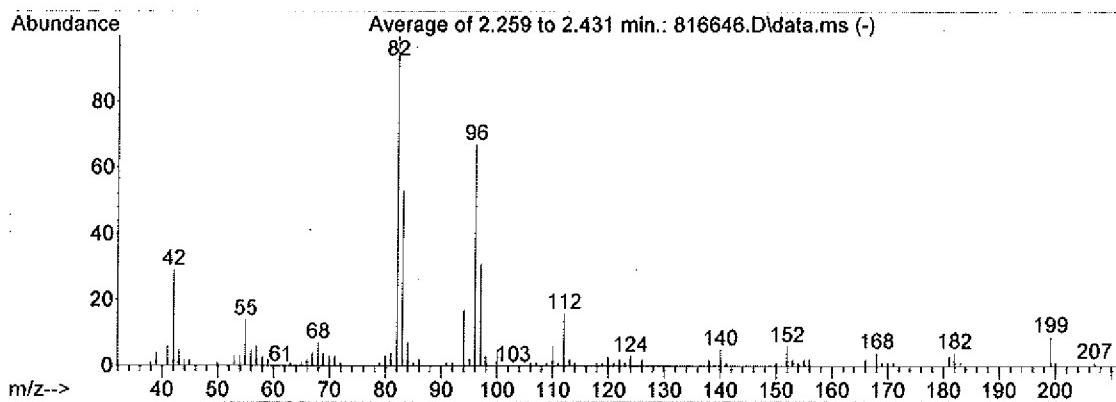


Information from Data File:

File Name : K:\02_15_12\816646.D
Operator : KAC
Date Acquired : 16 Feb 2012 17:30
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 100
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	2.28	C:\Database\NIST08.L		
		Ecgonine methyl ester	106293-60-1	94
		Pseudoeccgonine methyl ester	099189-88-5	94
		Ecgonine methyl ester	106293-60-1	90

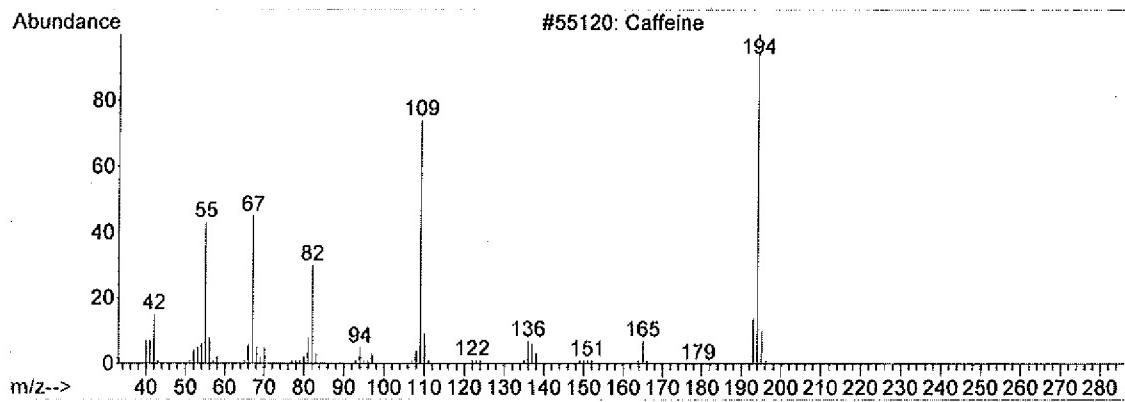
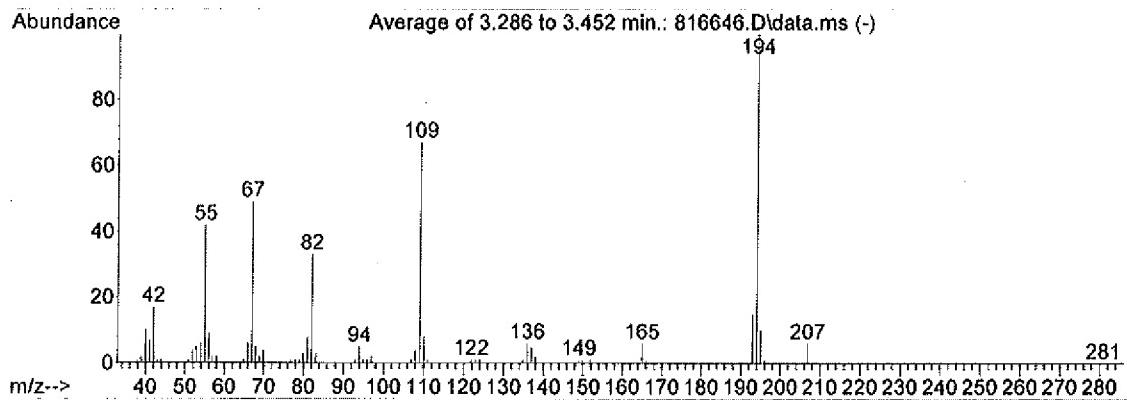


Information from Data File:

File Name : K:\02_15_12\816646.D
Operator : KAC
Date Acquired : 16 Feb 2012 17:30
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 100
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	3.32	C:\Database\NIST08.L		
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	98
		Caffeine	000058-08-2	96

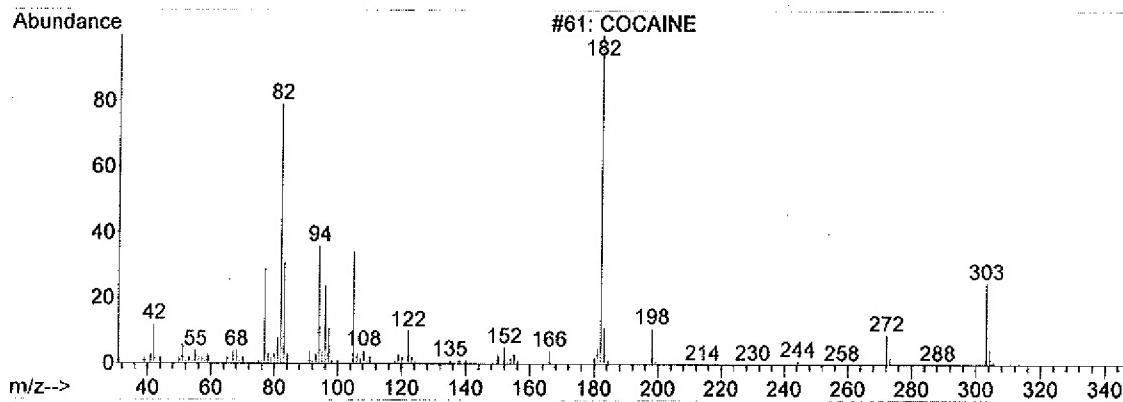
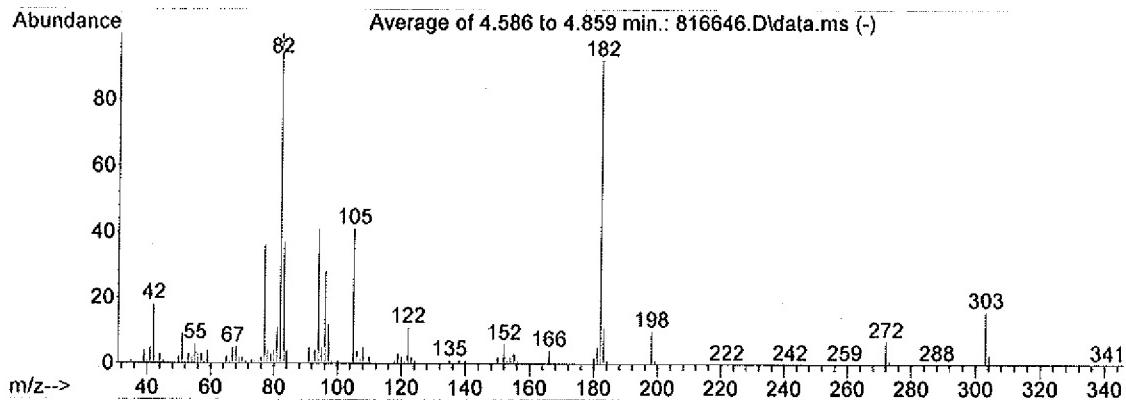


Information from Data File:

File Name : K:\02_15_12\816646.D
Operator : KAC
Date Acquired : 16 Feb 2012 17:30
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 100
AcquisitionMeth: DRUGS.M
Integrator : RTE

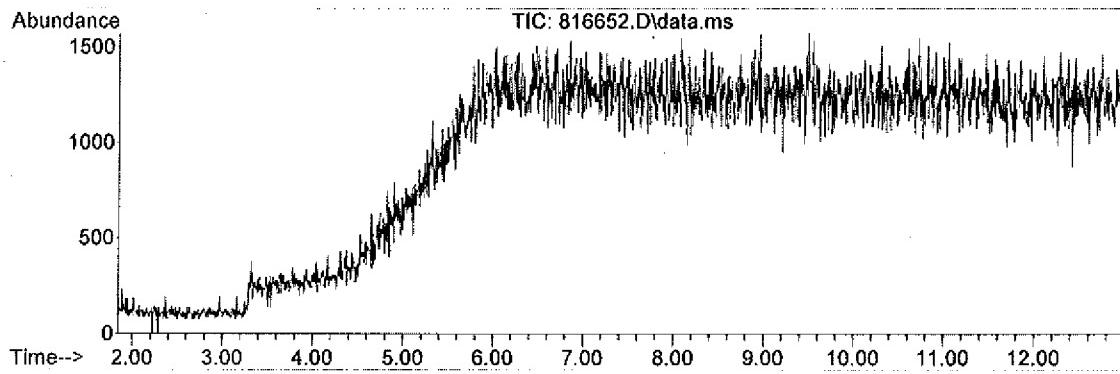
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
5	4.68	C:\Database\SLI.L		
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99



Information from Data File:

File Name : K:\02_15_12\816652.D
Operator : KAC
Date Acquired : 16 Feb 2012 19:06
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



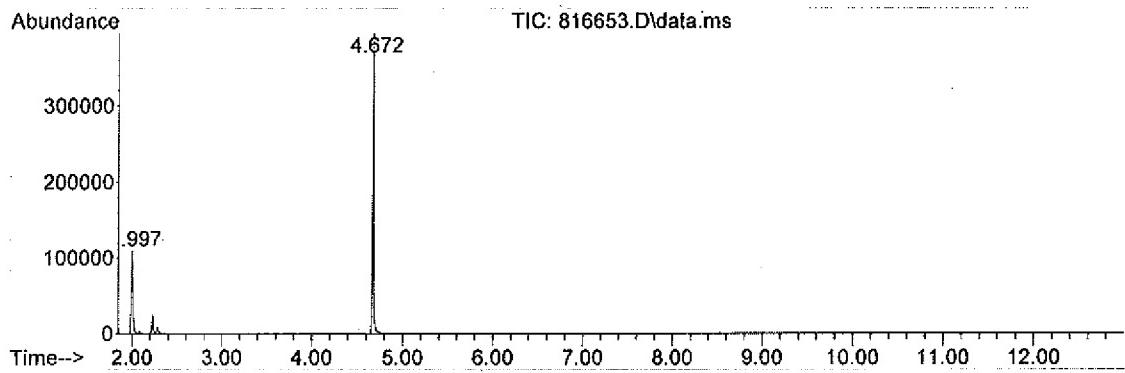
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : K:\02_15_12\816653.D
Operator : KAC
Date Acquired : 16 Feb 2012 19:22
Sample Name : COCAINE STD
Submitted by :
Vial Number : 80
AcquisitionMeth: DRUGS.M
Integrator : RTE



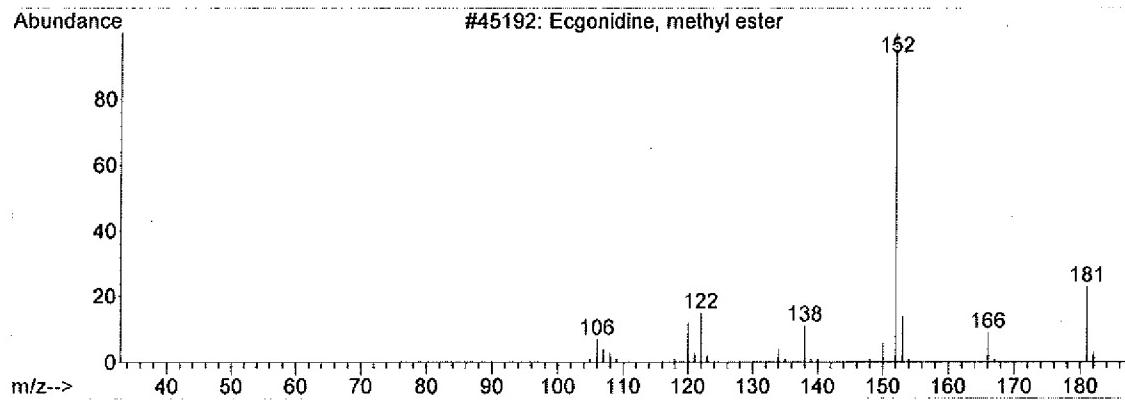
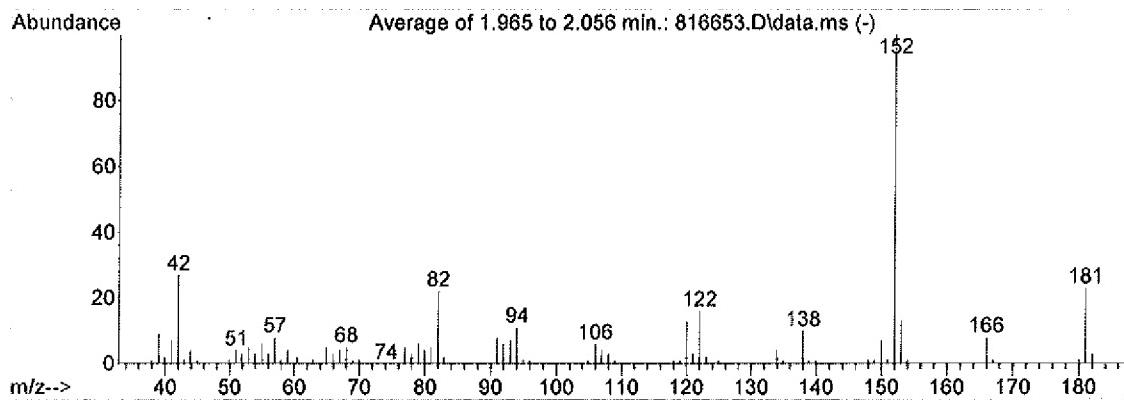
Ret. Time	Area	Area %	Ratio %
1.997	135215	29.55	41.95
4.672	322339	70.45	100.00

Information from Data File:

File Name : K:\02_15_12\816653.D
Operator : KAC
Date Acquired : 16 Feb 2012 19:22
Sample Name : COCAINE STD
Submitted by :
Vial Number : 80
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.00	C:\Database\NIST08.L		
		Ecgonidine, methyl ester	127379-24-2	98
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	93
		5-Methyl-2-nitroaniline	000578-46-1	43



Information from Data File:

File Name : K:\02_15_12\816653.D
Operator : KAC
Date Acquired : 16 Feb 2012 19:22
Sample Name : COCAINE STD
Submitted by :
Vial Number : 80
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	4.67	C:\Database\SLI.L		
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99

